CLAIMS

1.   A computer protocol for provisioning services, comprising:

discovery transactions that allow a client device to retrieve information regarding services available to the client device from a provisioning server, wherein a service

5   comprises a plurality of content files capable of being installed on the client device.

subscription transactions that allow the client device to manage content in service directories, wherein a service directory comprises a plurality of services; and

delivery transactions that allow the client device to download data related to services.

10

2.   A computer protocol as recited in claim 1, wherein the discovery transactions includes a service discovery transaction that allows the client device to obtain information regarding a particular service.

15   3.   A computer protocol as recited in claim 2, wherein the discovery transactions include a service directory discovery transaction that allows the client device to obtain information regarding a particular service directory.

4.   A computer protocol as recited in claim 1, wherein the subscription

transactions include a service subscription transaction that allows a service to be added to

a service directory.

5   5.   A computer protocol as recited in claim 4, wherein the subscription

transactions include an unsubscribe transaction that allows a service to be removed from a

service directory.

6.   A computer protocol as recited in claim 1, wherein the delivery transactions

10   include an update transaction that allows that allows the client device to obtain a

provisioning update comprising a list of services that should be installed on the client

device.

7.   A computer protocol as recited in claim 6, wherein the delivery transactions

15   include a notification transaction that allows the provisioning server to request the client

device to perform an update transaction.

8.   A computer protocol as recited in claim 7, wherein the delivery transactions

include a delivery transaction that allows the client device to download data related to a

20   service.

9.   A method for provisioning services between a client device and a provisioning server, comprising the operations of:

providing discovery transactions that allow the client device to retrieve information regarding services available to the client device from a provisioning server, wherein a service comprises a plurality of content files capable of being installed on the client device.

affording subscription transactions that allow the client device to manage content in service directories, wherein a service directory comprises a plurality of services; and

providing delivery transactions that allow the client device to downloading of data related to services.

10.   A method as recited in claim 9, wherein the discovery transactions includes a service discovery transaction that allows the client device to obtain information regarding a particular service.

11.   A method as recited in claim 10, wherein the discovery transactions include a service directory discovery transaction that allows the client device to obtain information regarding a particular service directory.

12. A method as recited in claim 9, wherein the subscription transactions include a service subscription transaction that allows a service to be added to a service directory.

5   13. A method as recited in claim 12, wherein the subscription transactions include an unsubscribe transaction that allows a service to be removed from a service directory.

14. A method as recited in claim 9, wherein the delivery transactions include

10   an update transaction that allows the client device to obtain a provisioning update comprising a list of services that should be installed on the client device.

15. A method as recited in claim 14, wherein the delivery transactions include a notification transaction that allows the provisioning server to request the client device to

15   perform an update transaction.

16. A method as recited in claim 15, wherein the delivery transactions include a delivery transaction that allows the client device to download data related to a service.

20   17. A system for provisioning services, comprising:

a provisioning server; and

a client device in communication with the provisioning server via a provisioning protocol, the provisioning protocol comprising:

discovery transactions that allow the client device to retrieve information

5 regarding services available to the client device from a provisioning server,

wherein a service comprises a plurality of content files capable of being installed

on the client device.

subscription transactions that allow the client device to manage content in

service directories, wherein a service directory comprises a plurality of services;

10 and

delivery transactions that allow the client device to download data related

to services.

18. A system as recited in claim 17, wherein the discovery transactions include

15 a service discovery transaction that allows the client device to obtain information

regarding a particular service, and wherein the discovery transactions further include a

service directory discovery transaction that allows the client device to obtain information

regarding a particular service directory.

20 19. A system as recited in claim 17, wherein the subscription transactions

include a service subscription transaction that allows a service to be added to a service

directory, and wherein the subscription transactions further include an unsubscribe

transaction that allows a service to be removed from a service directory.

20.   A system as recited in claim 17, wherein the delivery transactions include

5   an update transaction that allows the client device to obtain a provisioning update

comprising a list of services that should be installed on the client device, the delivery

transactions further including a notification transaction that allows the provisioning server

to request the client device to perform an update transaction, and wherein the delivery

transactions further include a delivery transaction that allows the client device to

10   download data related to a service.